Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket. OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

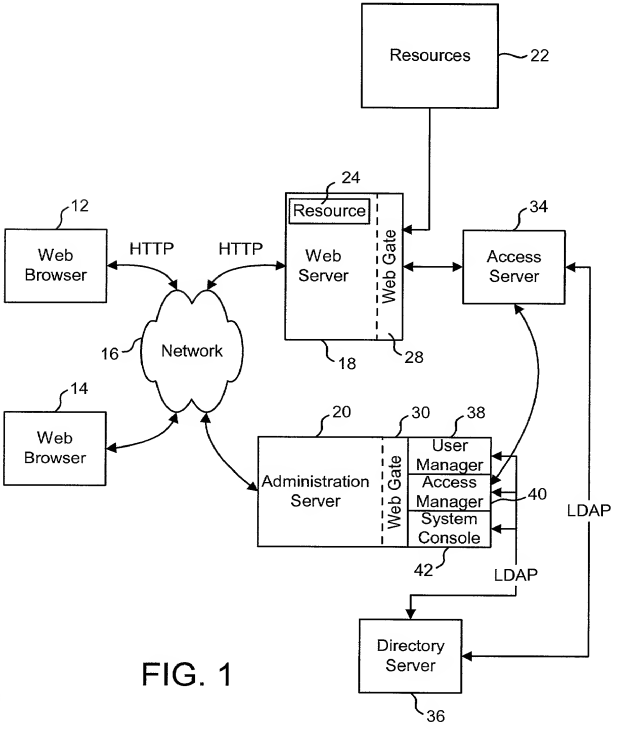

FIG. 1

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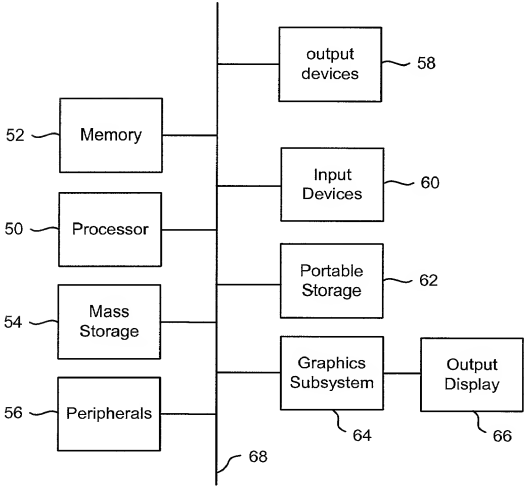

FIG. 2

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Appl. No.: Unknown Atty: Burt Magen
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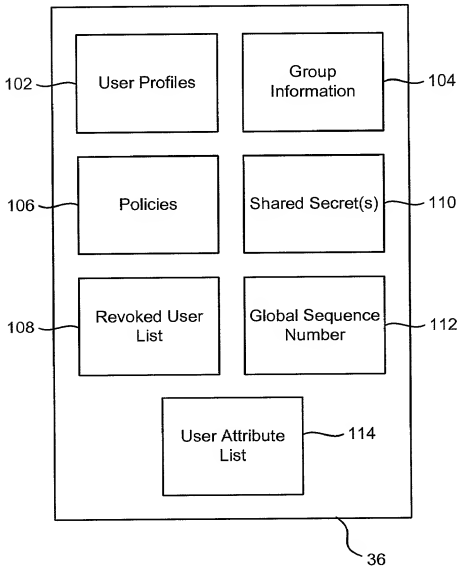

FIG. 3

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Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
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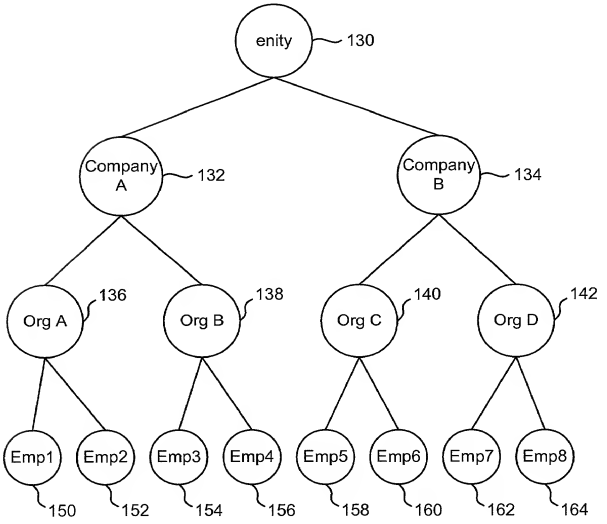

FIG. 4

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Appl. No.: Unknown Atty: Burt Magen
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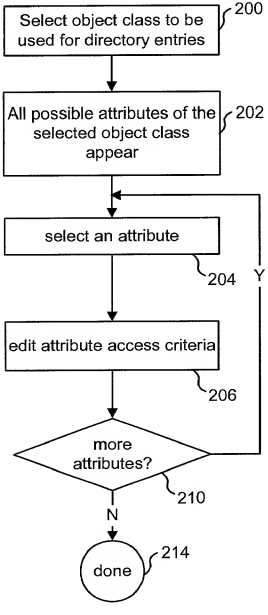

FIG. 5

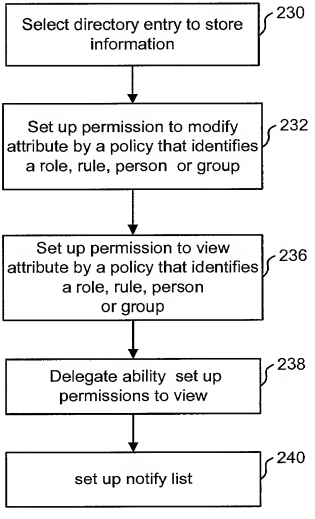

FIG. 6

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Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
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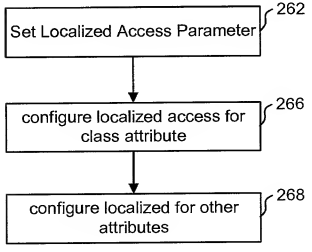

FIG. 7

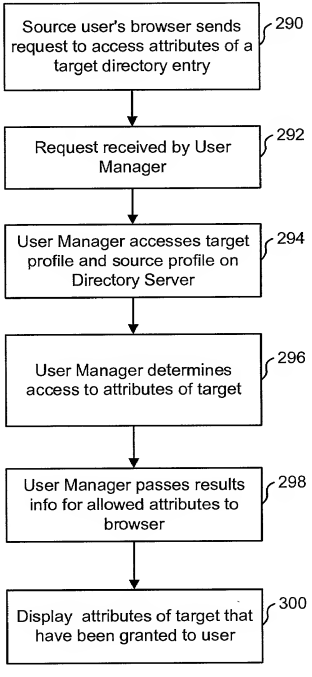

FIG. 8

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Appl. No.: Unknown Atty: Burt Magen
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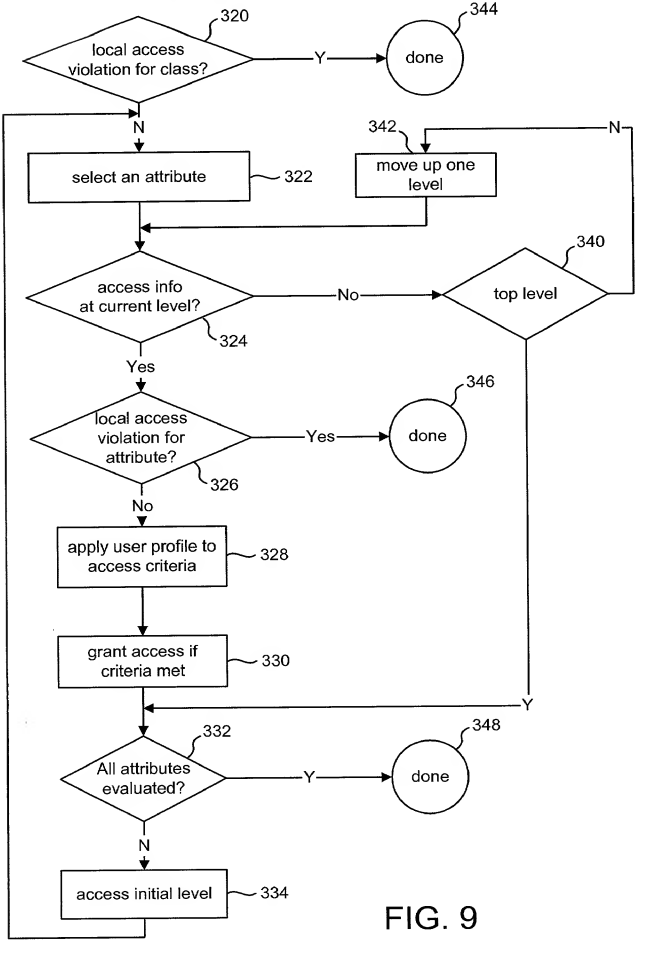

FIG. 9

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Appl. No.: Unknown Atty: Burt Magen
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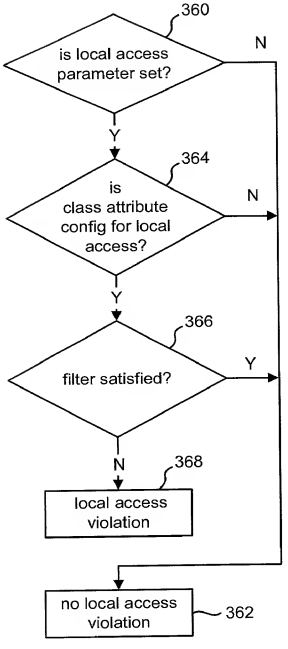

FIG. 10

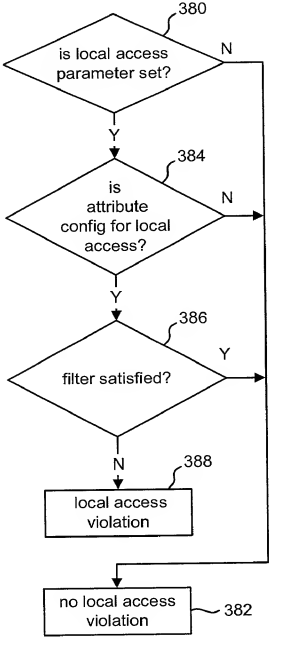

FIG. 11

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Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
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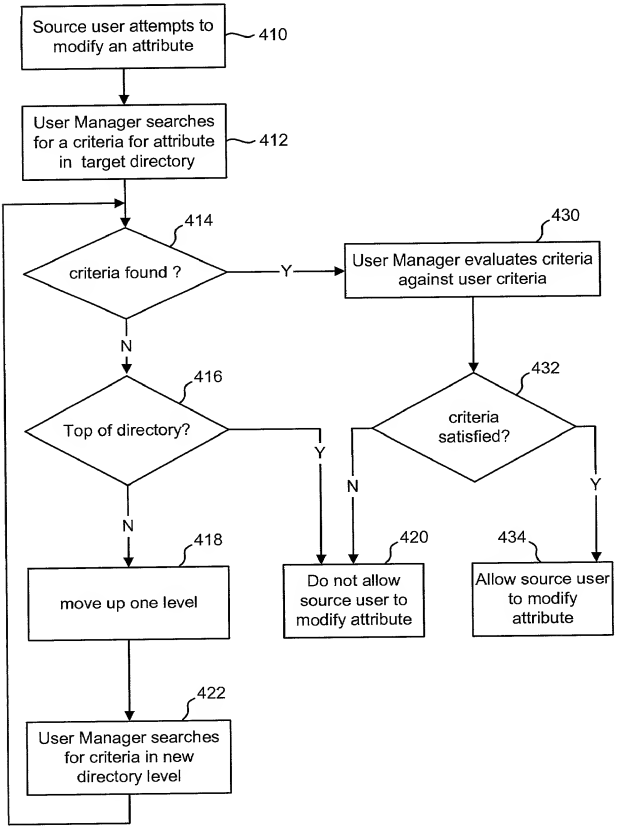

FIG. 12

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Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

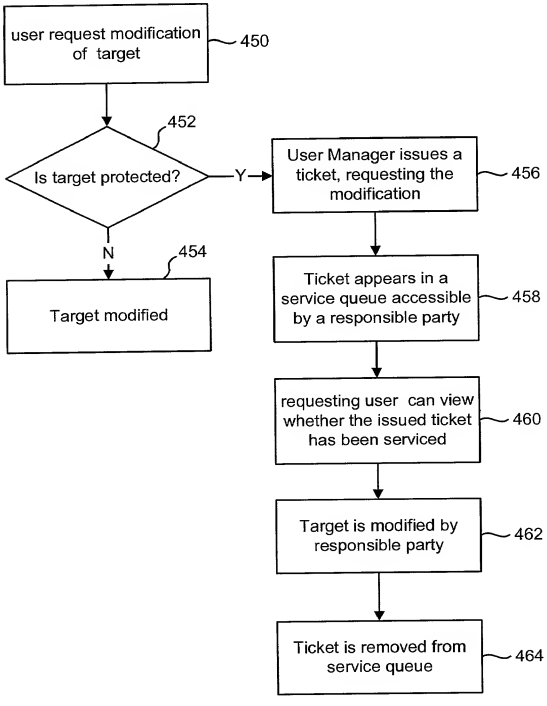

FIG. 13

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Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

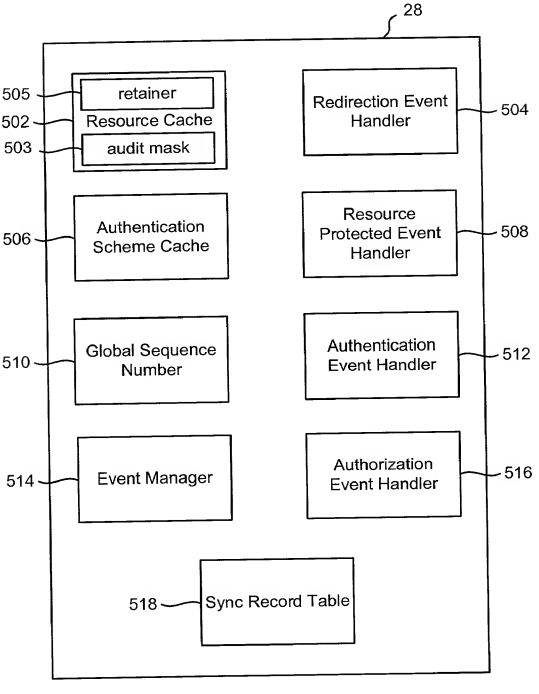

FIG. 14

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Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

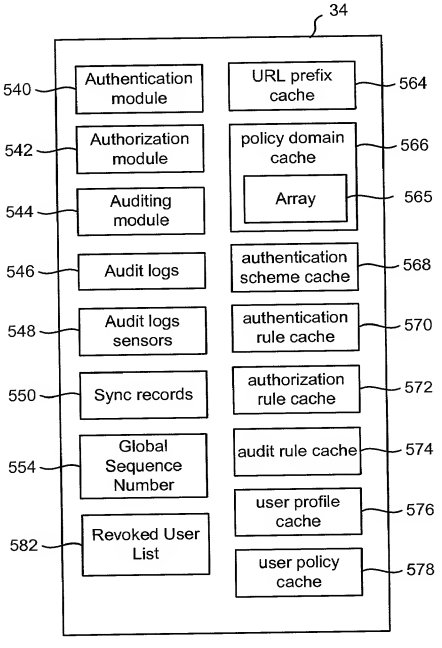

FIG. 15

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Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
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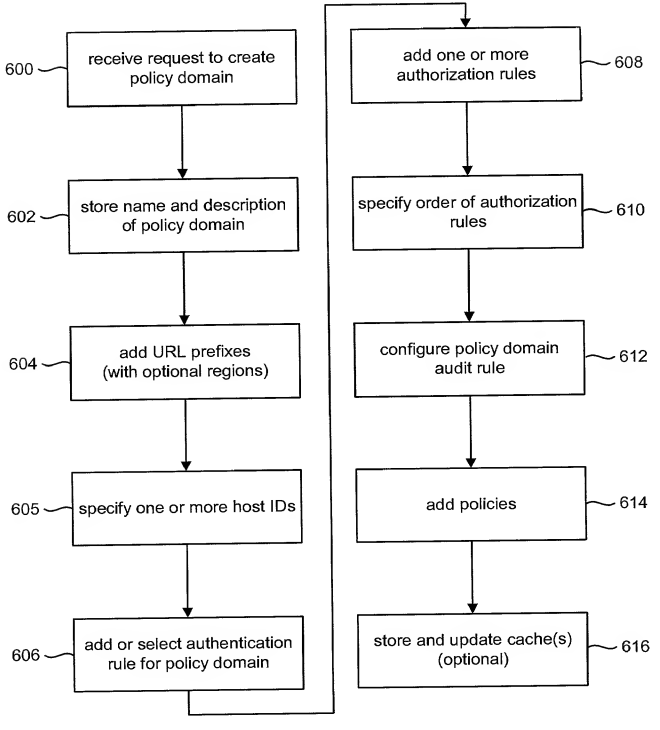

FIG. 16

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Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

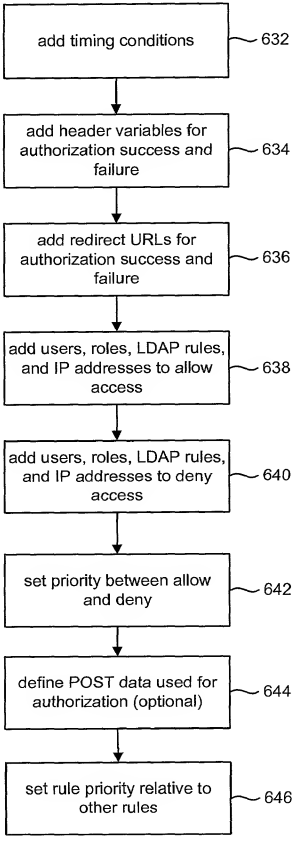

FIG. 17

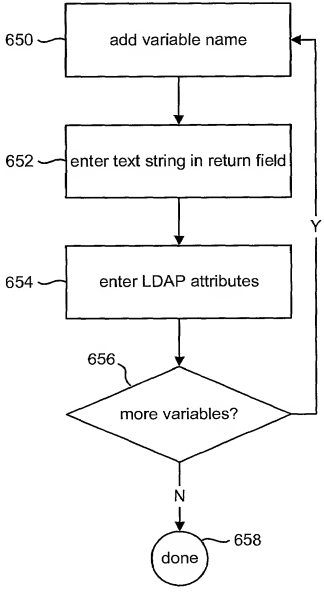

FIG. 18

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

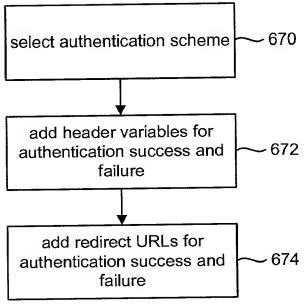

FIG. 19

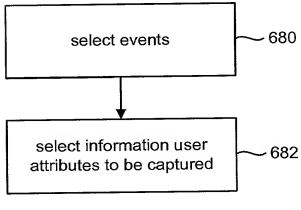

FIG. 20

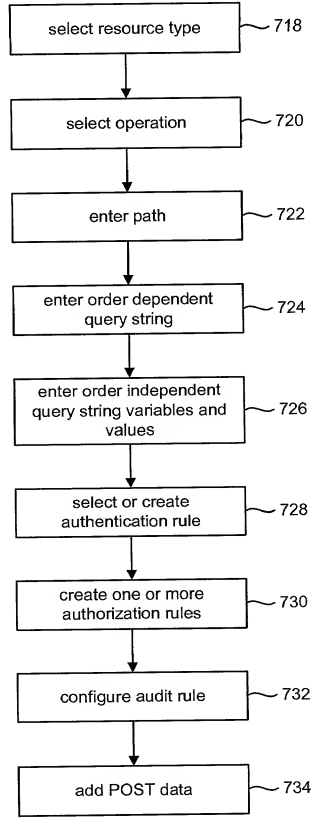

FIG. 21

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Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

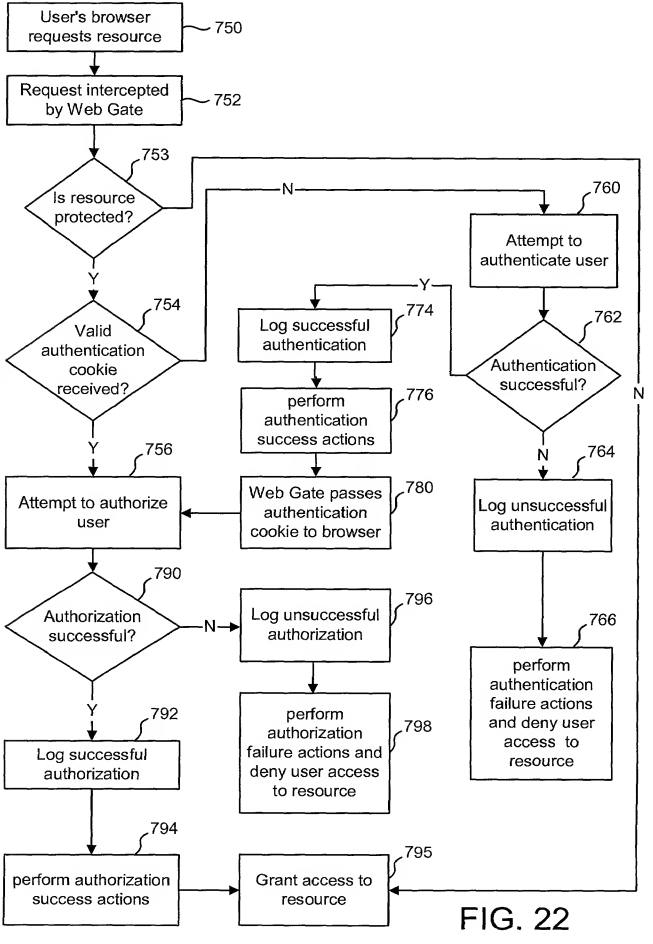

FIG. 22

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

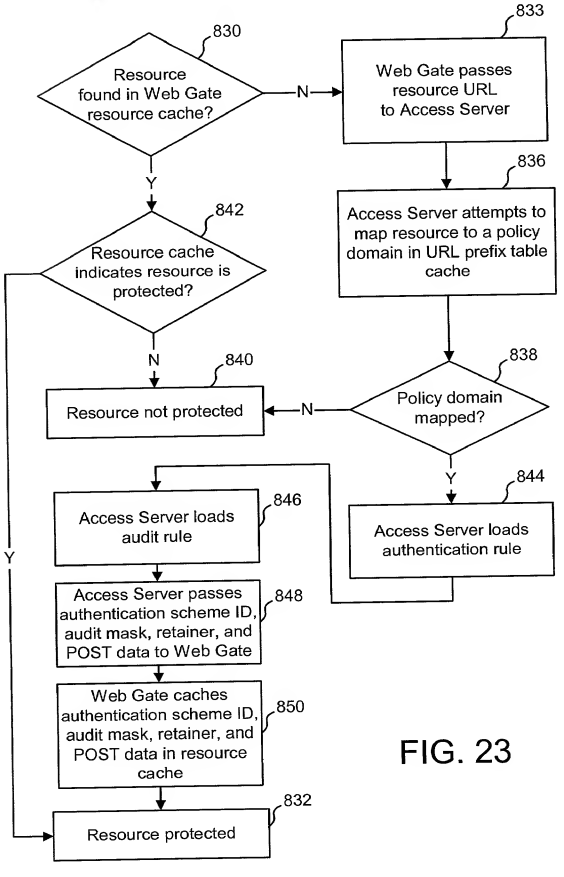

FIG. 23

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

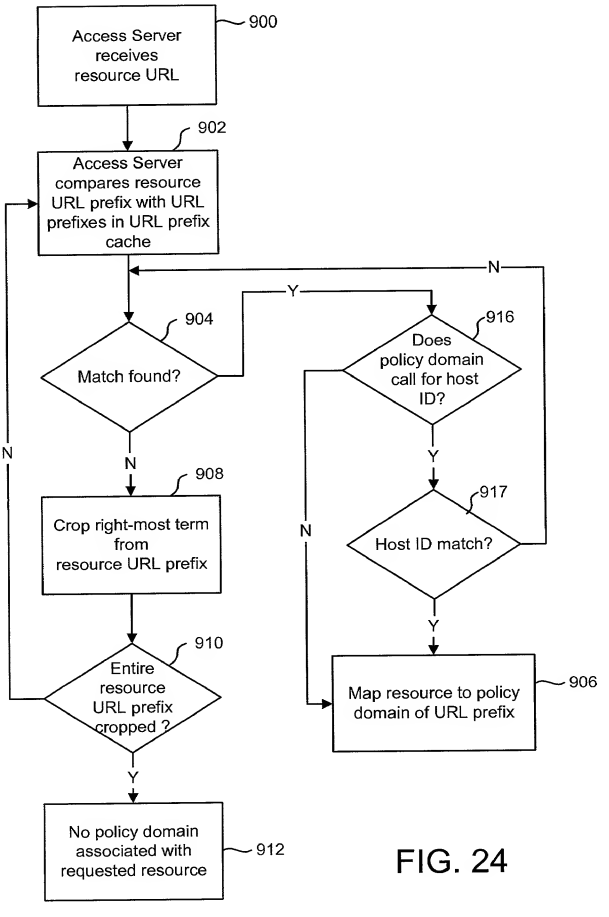

FIG. 24

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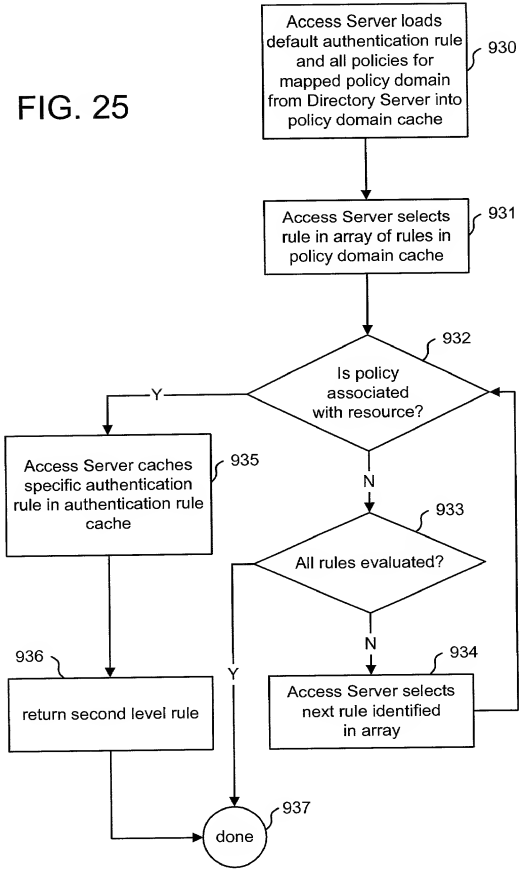
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

FIG. 25



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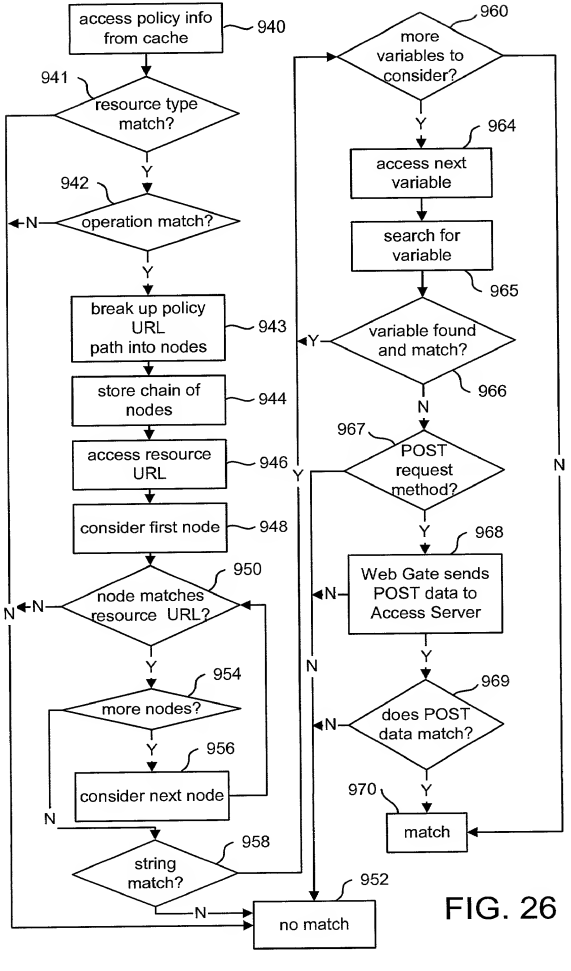

FIG. 26

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Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
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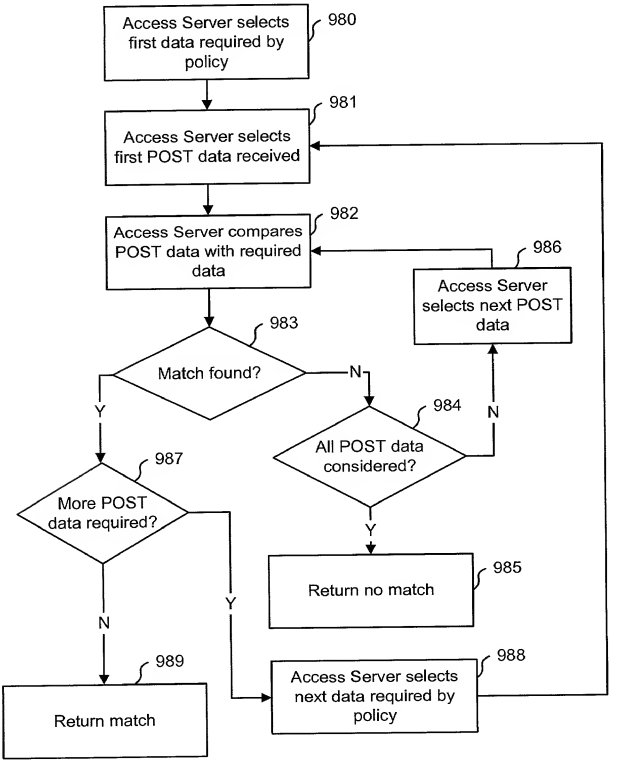

FIG. 26A

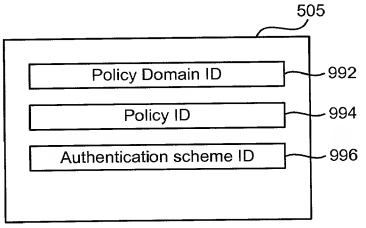
505
Policy Domain ID
992
Policy ID
994
Authentication scheme ID
996

FIG. 27

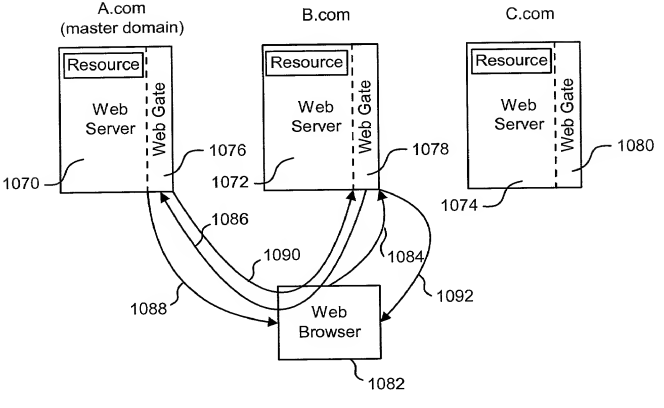
A.com
(master domain)
B.com
C.com
Resource
Web Server
Web Gate
1070
1076
1072
1078
1074
1080
1086
1090
1084
1088
1092
Web Browser
1082

FIG. 29

Title: ACCESS SYSTEM INTERFACE
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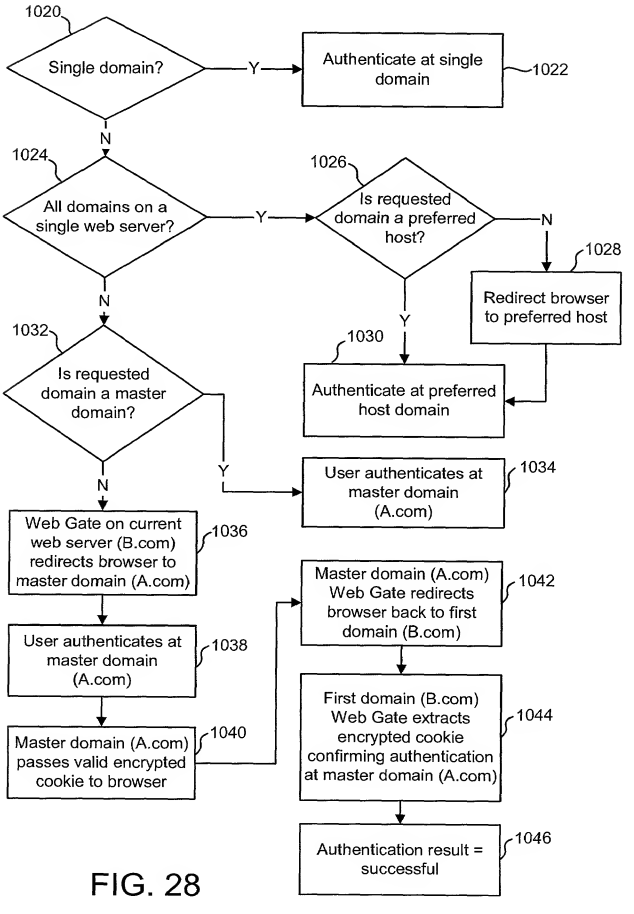

FIG. 28

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Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

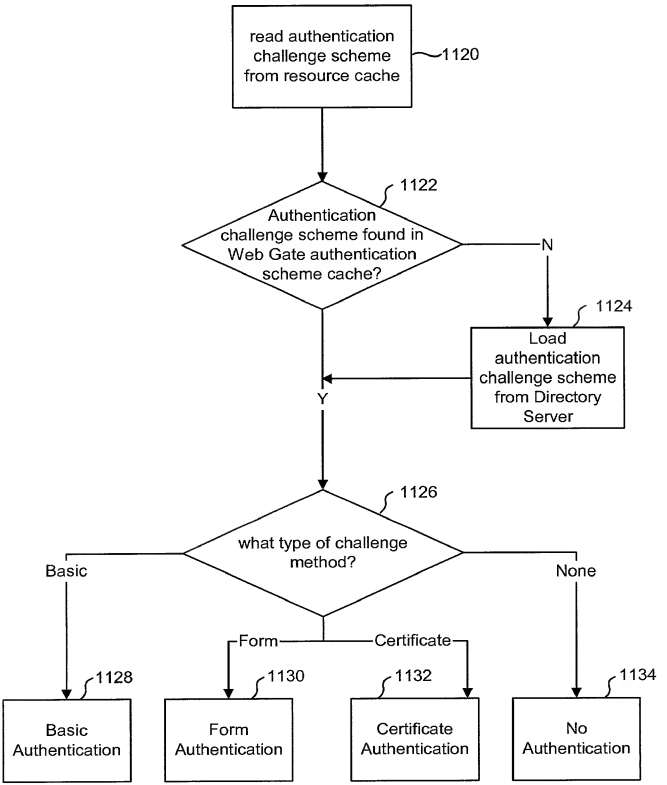

FIG. 30

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Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

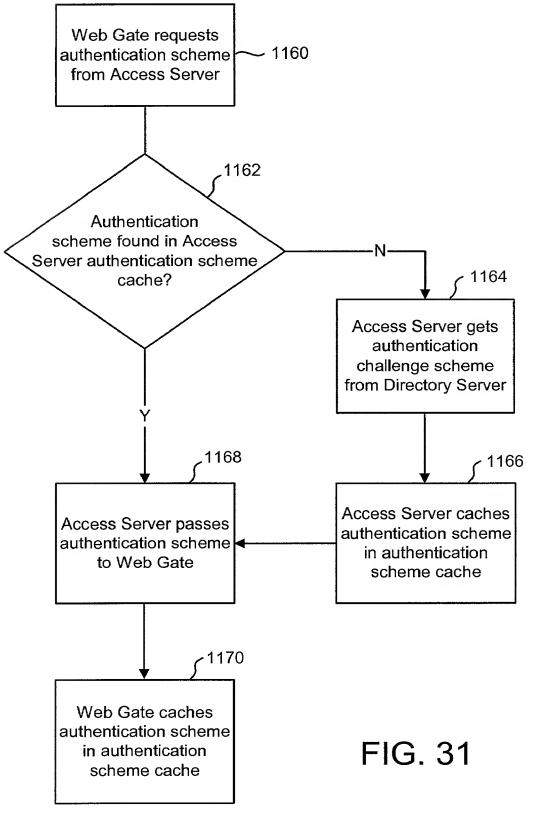

FIG. 31

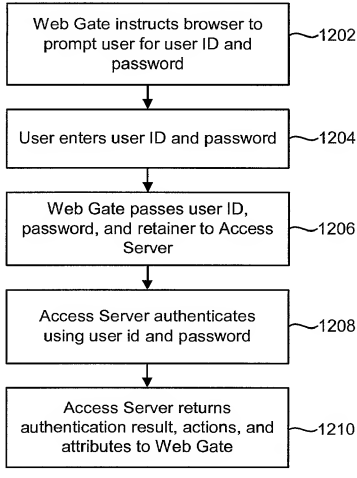
Web Gate instructs browser to prompt user for user ID and password
1202
User enters user ID and password
1204
Web Gate passes user ID, password, and retainer to Access Server
1206
Access Server authenticates using user id and password
1208
Access Server returns authentication result, actions, and attributes to Web Gate
1210

FIG. 32

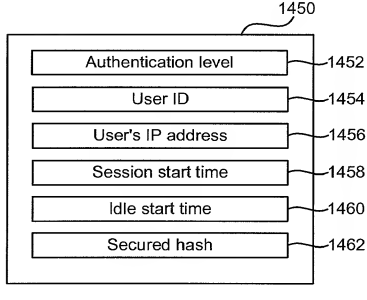
1450
Authentication level
1452
User ID
1454
User's IP address
1456
Session start time
1458
Idle start time
1460
Secured hash
1462

FIG. 37

Title: ACCESS SYSTEM INTERFACE
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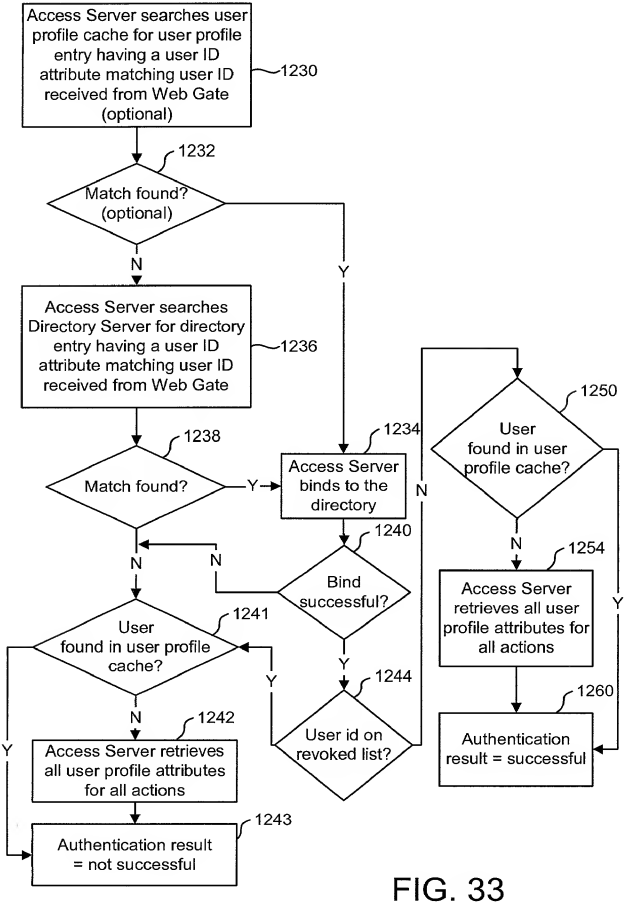

FIG. 33

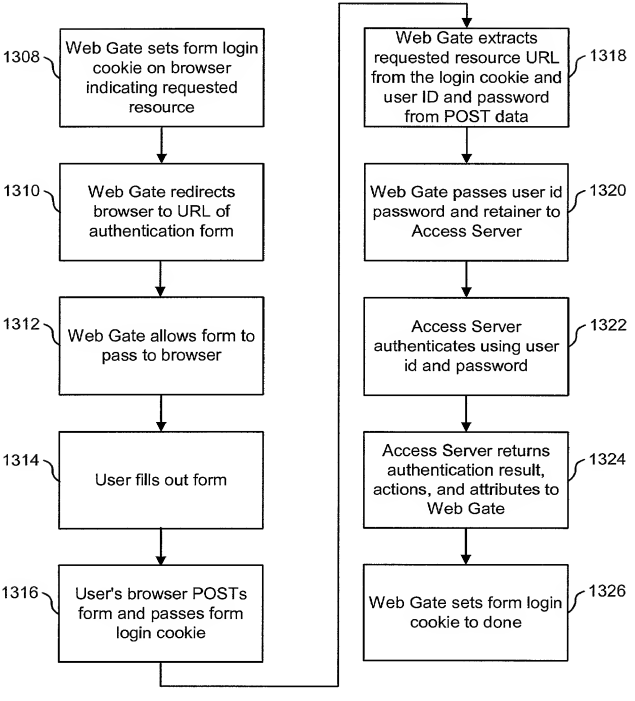
1308
Web Gate sets form login cookie on browser indicating requested resource
1310
Web Gate redirects browser to URL of authentication form
1312
Web Gate allows form to pass to browser
1314
User fills out form
1316
User's browser POSTs form and passes form login cookie
1318
Web Gate extracts requested resource URL from the login cookie and user ID and password from POST data
1320
Web Gate passes user id password and retainer to Access Server
1322
Access Server authenticates using user id and password
1324
Access Server returns authentication result, actions, and attributes to Web Gate
1326
Web Gate sets form login cookie to done

FIG. 34

Title: ACCESS SYSTEM INTERFACE
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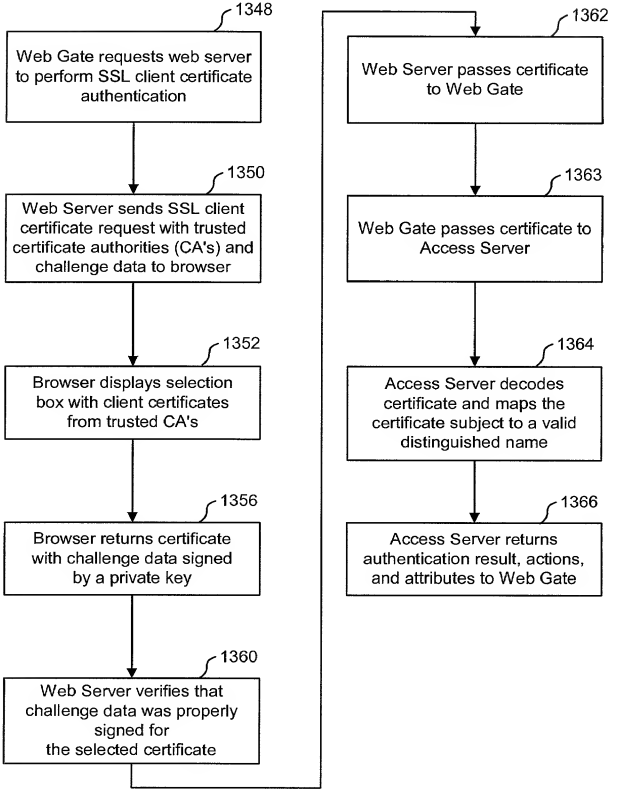

FIG. 35

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

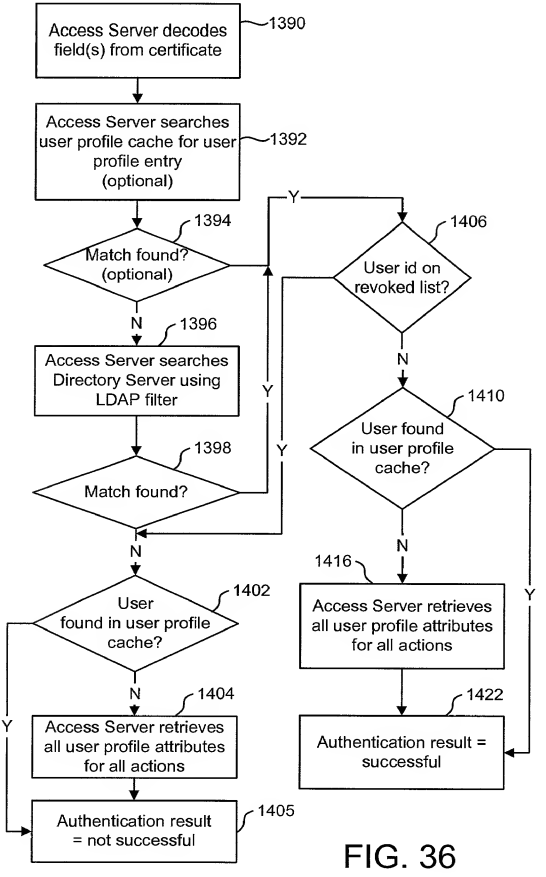

FIG. 36

Title: ACCESS SYSTEM INTERFACE
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Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

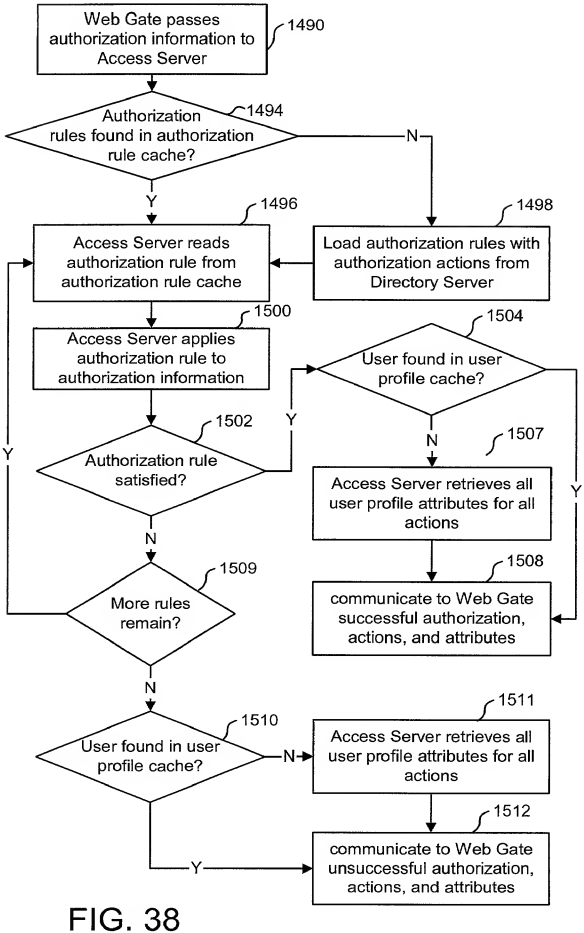

FIG. 38

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

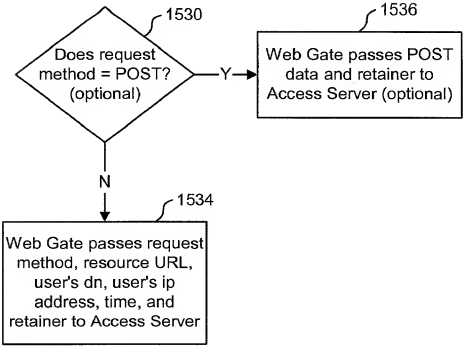

FIG. 39

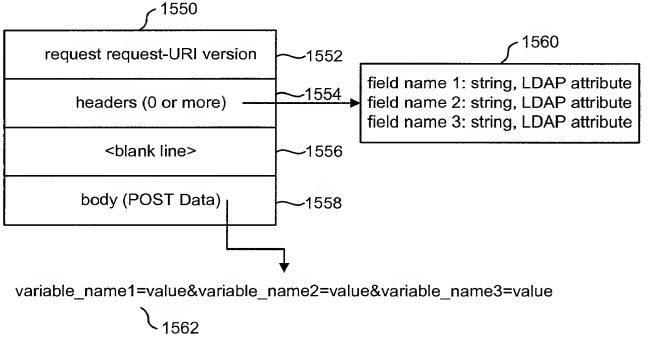

FIG. 40

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

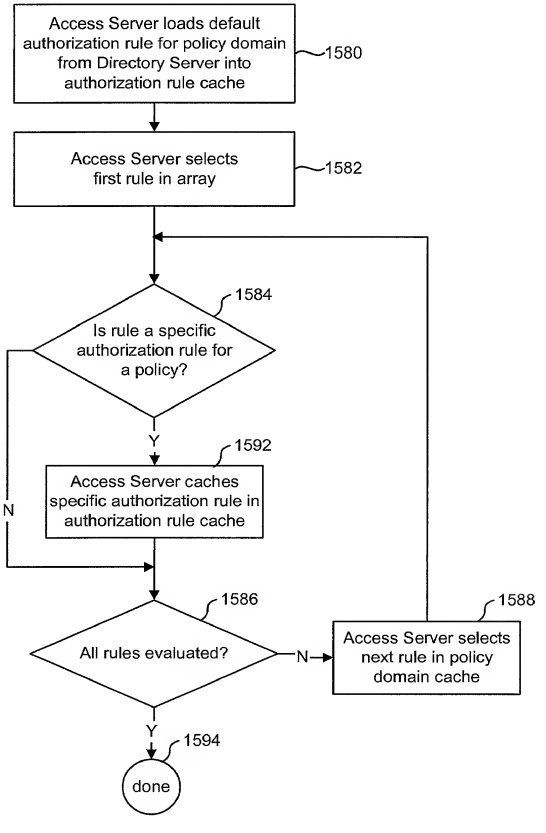

FIG. 41

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

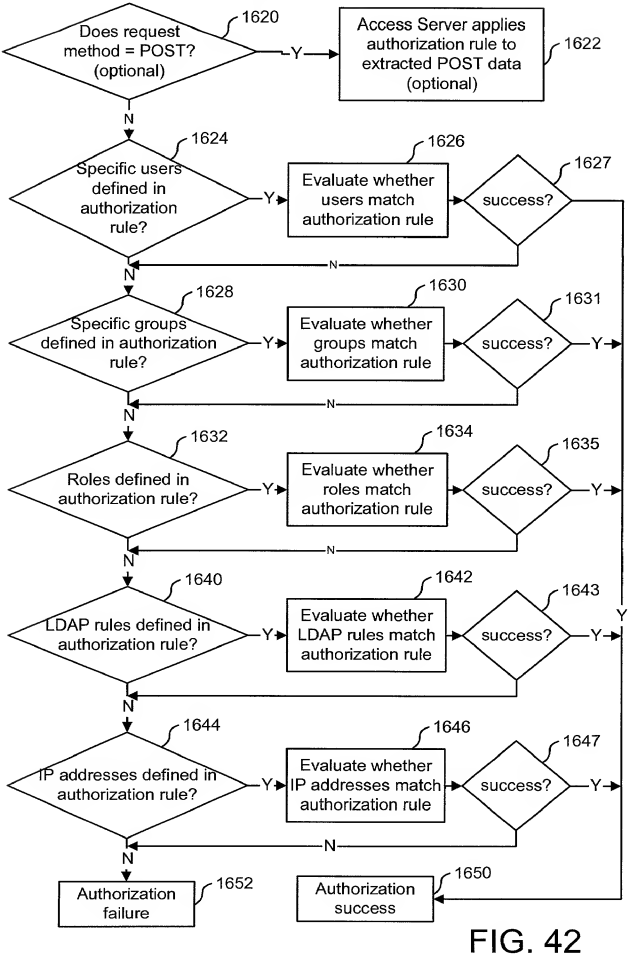

FIG. 42

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

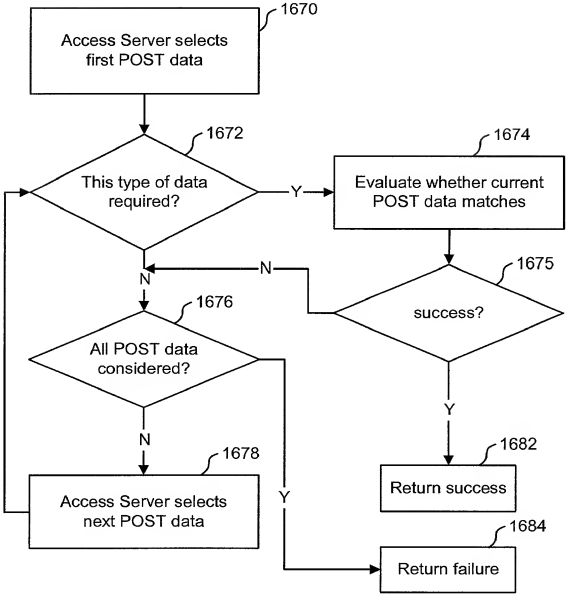

FIG. 43

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

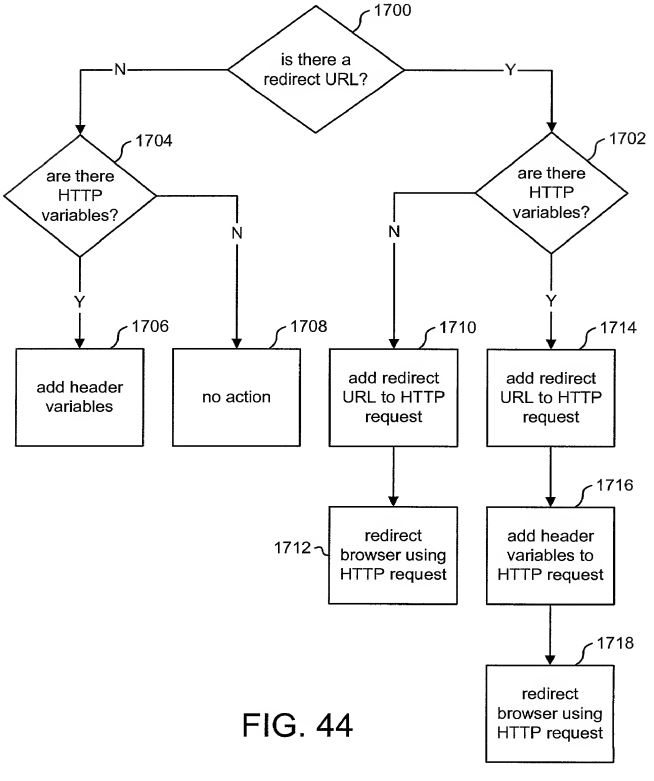

FIG. 44

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

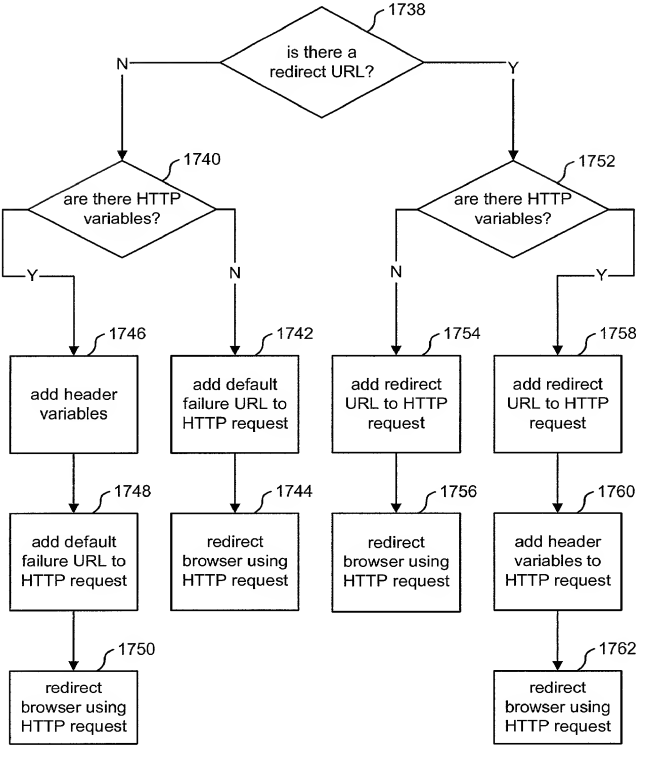

FIG. 45

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

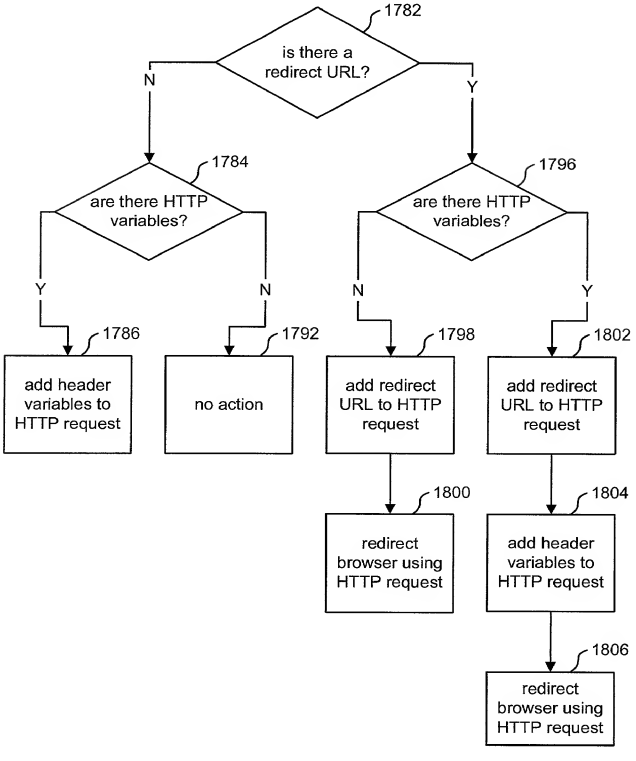

FIG. 46

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

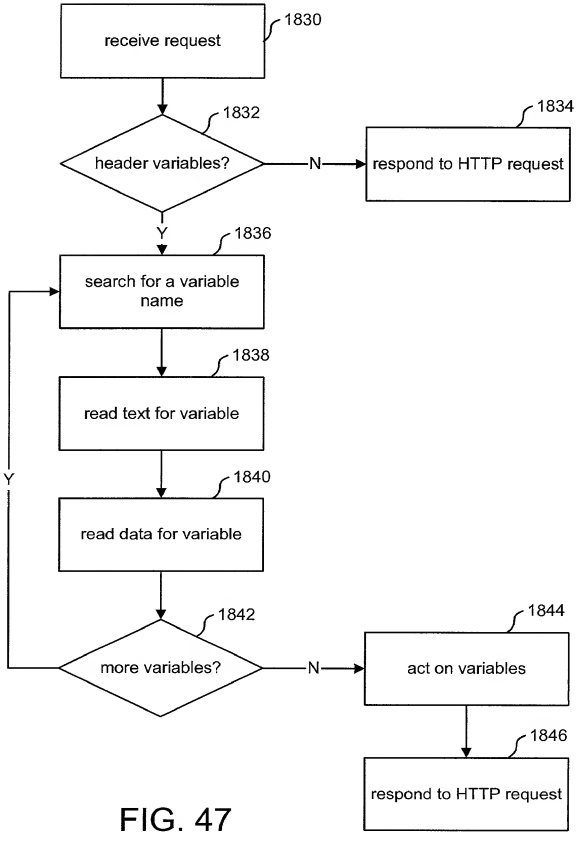

FIG. 47

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

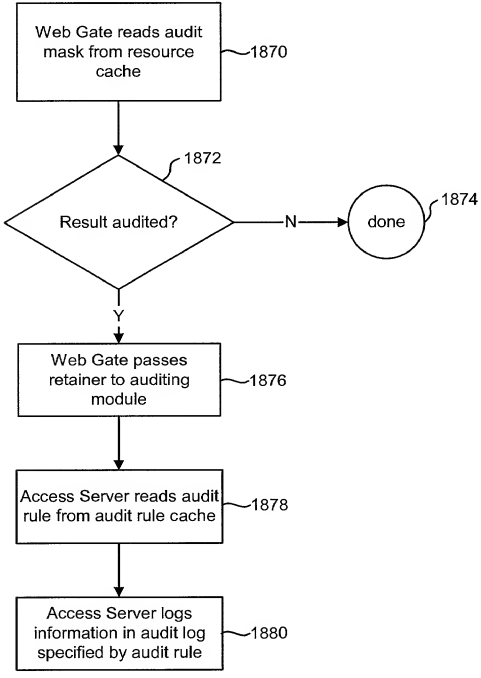

FIG. 48

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

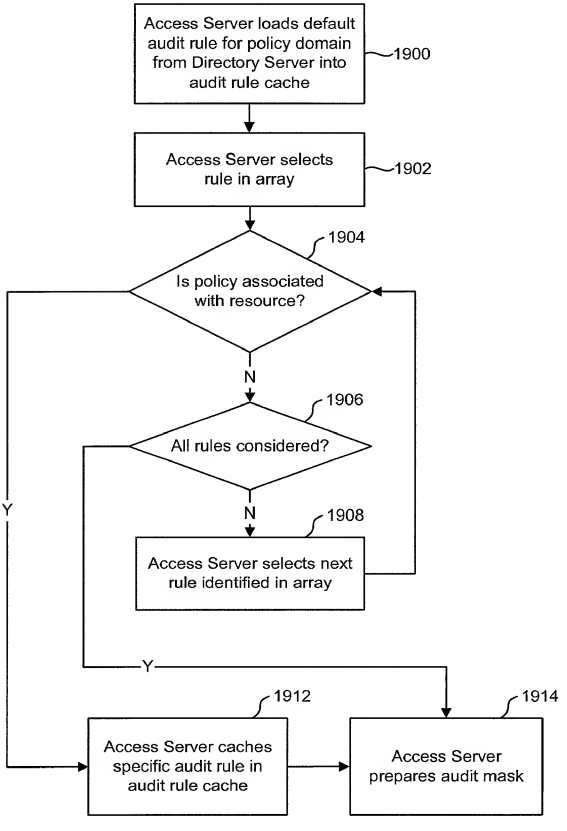

FIG. 49

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

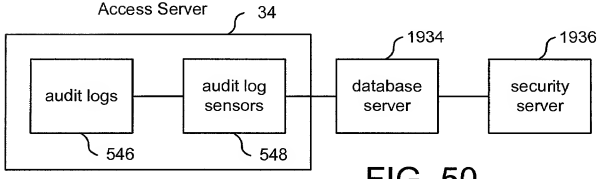

FIG. 50

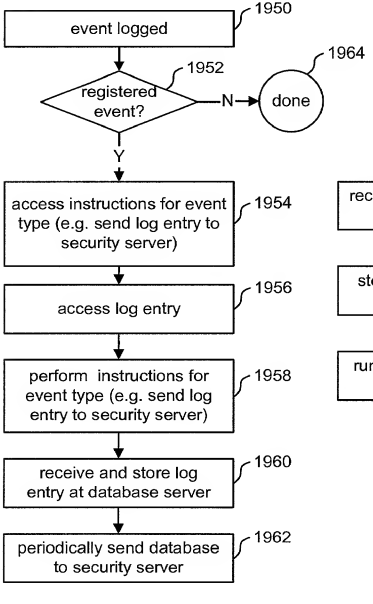

FIG. 51

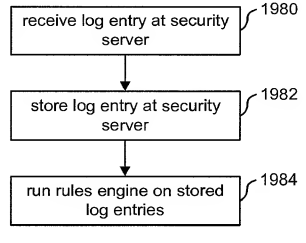

FIG. 52

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

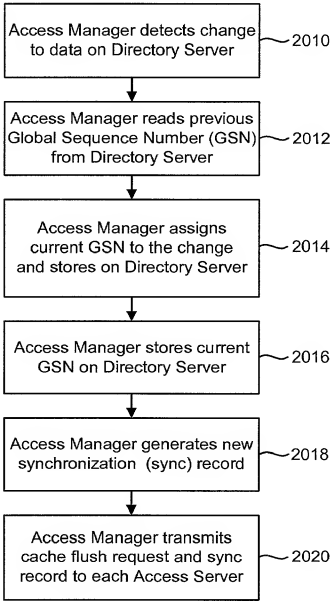

FIG. 53

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

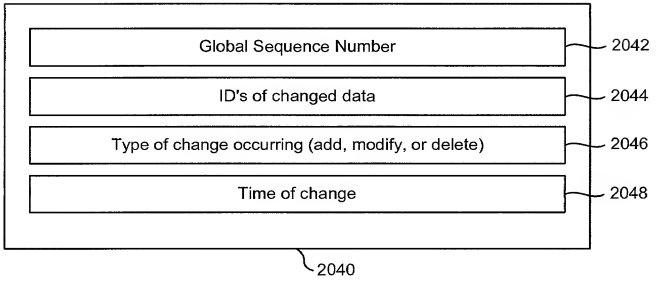

FIG. 54

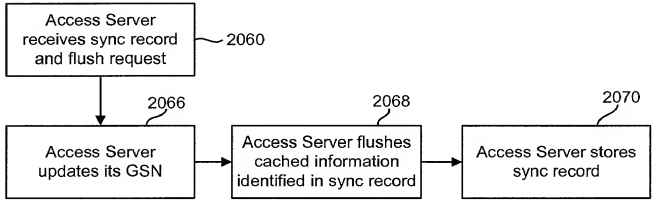

FIG. 55

Title: ACCESS SYSTEM INTERFACE
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Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

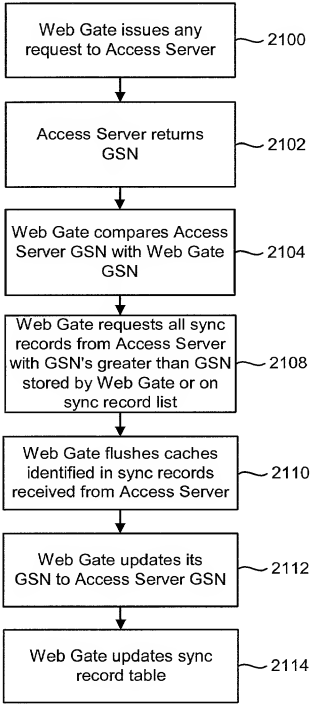

FIG. 56

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Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

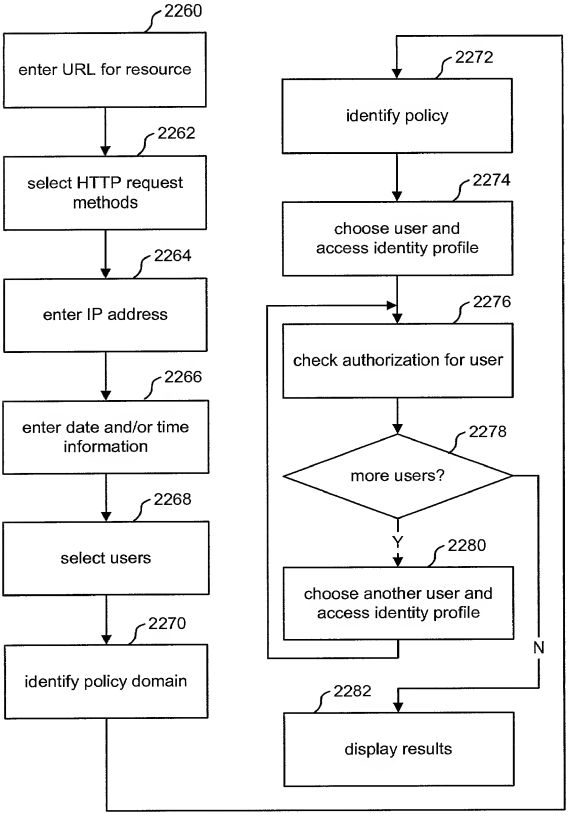
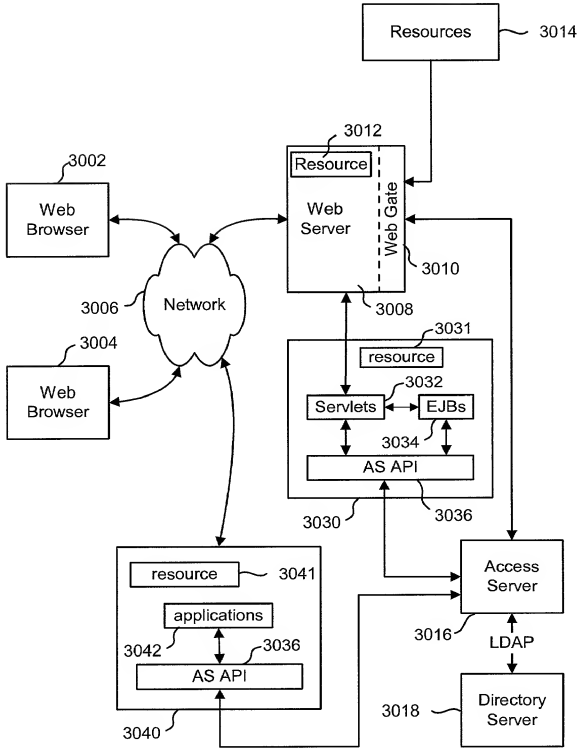


FIG. 57

Title: ACCESS SYSTEM INTERFACE
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

FIG. 58



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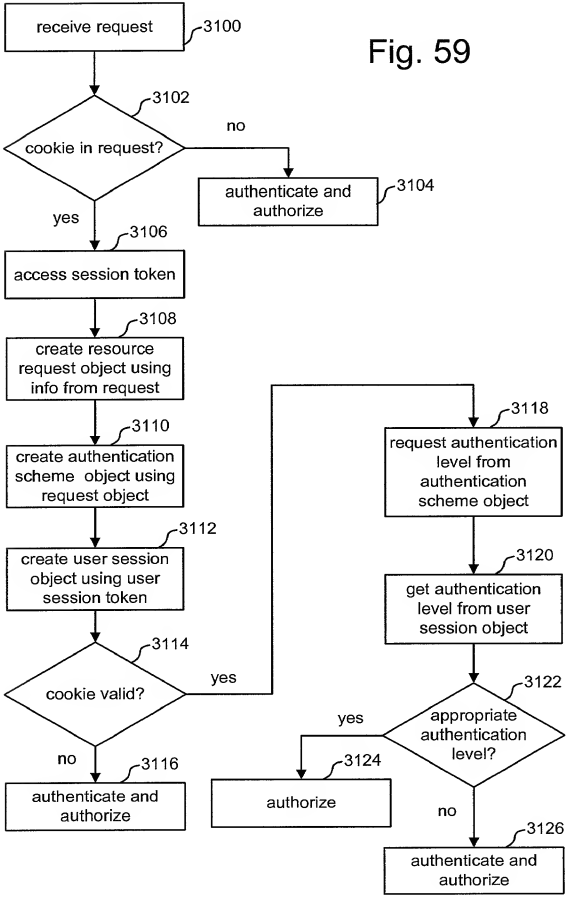
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

Fig. 59



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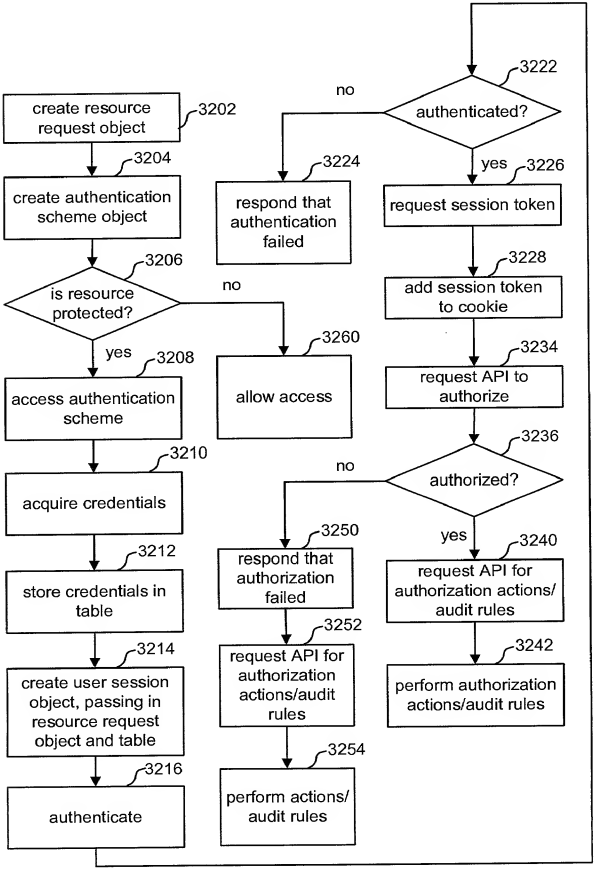
Applicant: Knouse, et al. Docket: OBLX-01022US0
Appl. No.: Unknown Atty: Burt Magen
Filing Date: March 21, 2001 Phone: (415) 369-9660
Express Mail No.: EF 277 209 419 US

FIG. 60



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Applicant: Knouse, et al. Docket: OBLX-01022US0
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Filing Date: March 21, 2001 Phone: (415) 369-9660
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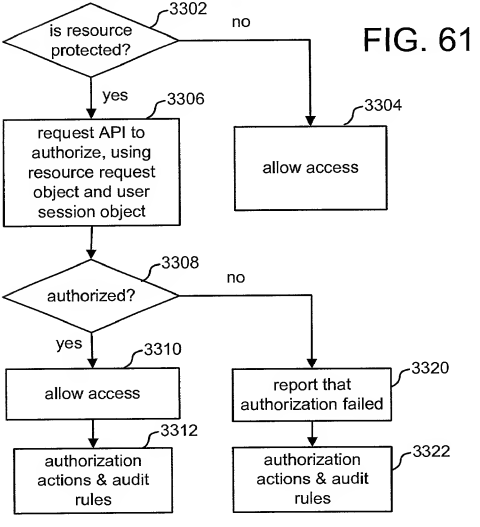

FIG. 61
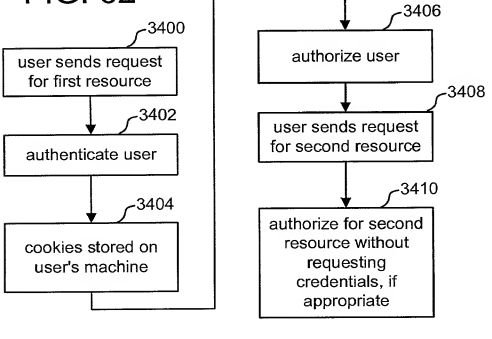
FIG. 62